IN THE CLAIMS:

1. (Currently amended) A method in a data processing system for communicating across a firewall with a host, the method comprising:

simulating a browser in the data processing system to form a simulation, wherein the browser being simulated is able to communicate through the firewall, and wherein simulating the browser includes preparing an encoded data stream similar to one that is sent by an actual browser; and

communicating with the host directly using the simulation instead of using the browser, wherein the step of communicating with the host includes sending a message in which a header field is set to specify the type of data in the body of the message.

2. (Original) The method of claim 1, wherein the simulating and communicating steps are performed by an applet.

3. (Original) The method of claim 1, wherein the applet is a Java applet.

4. (Original) The method of claim 1, wherein the communication step is performed using hypertext transfer protocol data streams.

5. (Original) The method of claim 1, wherein the simulating step includes creating an universal resource locator connection with the host.

6. (Currently amended) The method of claim 1, wherein the ~~step of communicating with the host includes sending a message in which~~ header field is a multipurpose internet mail extension content-type header field ~~is set to specify the type of data in the body of the message~~.

7. (Currently amended) The method of claim [[6]] 1, wherein the message is used to open a universal resource locator connection to a program on the server.

8. (Original) The method of claim 1, wherein the step of communicating includes sending a message with a universal resource locator identifying a program to receive the data.

9-12. (Canceled)

13. (Currently amended) A data processing system comprising:

a bus system;

a communications unit connected to the bus, wherein data is sent and received using the communications unit;

a memory connected to the bus system, wherein a set of instructions are located in the memory; and

a processor unit connected to the bus system, wherein the processor unit executes the set of instructions to simulate a browser in the data processing system in which the browser being simulated is able to communicate through the fire wall and communicate with the host directly instead of using the browser, wherein the step of communicating with the host includes sending a message in which a header field is set to specify the type of data in the body of the message.

14. (Original) The data processing system of claim 13, wherein the bus system includes a primary bus and a secondary bus.

15. (Original) The data processing system of claim 13, wherein the processor unit includes a single processor.

16. (Original) The data processing system of claim 13, wherein the processor unit includes a plurality of processors.

17. (Original) The data processing system claim 13, wherein the communications unit is an Ethernet adapter.

18. (Currently amended) A data processing system for communicating across a firewall with a host, the data processing system comprising:

simulating means for simulating a browser in the data processing system to form a simulation, wherein the browser being simulated is able to communicate through the firewall, and wherein simulating the browser includes preparing an encoded data stream similar to one that is sent by an actual browser; and

communicating means for communicating with the host directly using the simulation instead of using the browser, wherein the means of communicating with the host includes sending a message in which a header field is set to specify the type of data in the body of the message.

19. (Original) The data processing system of claim 18, wherein the simulating and communicating means are located in an applet.

20. (Original) The data processing system of claim 18, wherein the applet is a Java applet.

21. (Original) The data processing system of claim 18, wherein the communication means uses hypertext transfer protocol data streams.

22. (Original) The data processing system of claim 18, wherein the simulating step includes creating an universal resource locator connection with the host.

23. (Currently amended) The data processing system of claim 18, wherein the ~~means of communicating with the host includes sending a message in which~~ header field is a multipurpose internet mail extension content-type header field ~~is set to specify the type of data in the body of the message~~.

24. (Currently amended) The data processing system of claim [[23]] 18, wherein the message is used to open a universal resource locator connection to a program on the server.

25. (Original) The data processing system of claim 18, wherein the means of communicating includes sending a message with a universal resource locator identifying a program to receive the data.

26-29. (Canceled)

30. (Currently amended) A computer program product in a computer readable medium for use in a data processing system for communicating across a firewall with a host, the computer program product comprising:

first instructions for simulating a browser in the data processing system to form a simulation, wherein the browser being simulated is able to communicate through the firewall, and wherein simulating the browser includes preparing an encoded data stream similar to one that is sent by an actual browser; and

second instructions for communicating with the host directly using the simulation instead of using the browser, wherein the instructions for communicating with the host includes sending a message in which a header field is set to specify the type of data in the body of the message.

31. (Canceled)